



NTN 89316 Thrust cylindrical roller bearings-
Complete thrust bearing

Bearing No. 89316

89316 Bearing 2D drawings and 3D CAD models

Size	80x140x36 mm
Bore Diameter	80,000 mm
Outer Diameter	140,000 mm
Width	36,000 mm
d	80,000 mm
D	140,000 mm
T	36,000 mm
d1	140 mm
D1	82 mm
Dc1	80 mm
Dc	140 mm
Dw	11 mm
Lw	11 mm
rs min	1.5 mm
Cage assembly reference	K89316
Bearing ring (inner ring) WS	WS89316
Bearing ring (outer ring) GS	GS89316
Ea	134.2 mm
Eb	89.8 mm
Mass	2.53 kg
Cage assembly mass	0.49 kg
Bearing ring (inner ring) WS mass	1.02 kg
Bearing ring (outer ring) GS mass	1.02 kg



NTN Bearing Rolamentos do Brasil Ltda.

Ca	246 kN
C0a	970 kN
Nlim (grease)	530 rpm
Nlim (oil)	2,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	10.18 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPF1	10 Hz
da min	134 mm
Db max	90 mm
ras max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.452
Product Group	B04144